

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eugene MAKEYEV et al.
Title: METHODS AND KITS FOR PROPAGATING AND EVOLVING
NUCLEIC ACIDS AND PROTEINS
Int'l. Appl. No.: PCT/FI2004/000346
Int'l. Filing Date: 6/7/2004
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

10/559575

IAP9 Rec'd PCT/PTO 05 DEC 2005
Atty. Dkt. No. 034144-0105

RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of the documents considered relevant by the examiner. A copy of the cited references listed in the Search Report are not being submitted herewith.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By S. A. Bent

Date: 5 December 2005

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MODIFIED PTO/SB/08 (08-09)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 5, 2005 <i>(use as many sheets as necessary)</i>				<i>Complete if known</i>	
Sheet	1	of	1	Application Number	Unassigned
				Filing Date	December 5, 2005
				First Named Inventor	Eugene MAKEYEV
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	034144-0105

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T6
	A2	E. MAKEYEV et al., "Replicase activity of purified recombinant protein P2 of double-stranded RNA bacteriophage phi6", EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL, vol. 19, no. 1, January 4, 2000, pp. 124-133.	
	A3	Minna M. PORANEN et al., "Self-assembly of a viral molecular machine from purified protein and RNA constituents" MOLECULAR CELL, vol. 7, no. 4, April 2001, pp. 845-854.	
	A4	S. ONODERA et al., "CONSTRUCTION OF A TRANSDUCING VIRUS FROM DOUBLE-STRANDED RNA BACTERIOPHAGE PHI6: ESTABLISHMENT OF CARRIER STATES IN HOST CELLS", Journal of Virology, Vol. 66, No. 1, January 1, 1992, pp. 190-196.	
	A5	Eugene MAKEYEV et al., "Evolutionary potential of an RNA virus", JOURNAL OF VIROLOGY, vol. 78, no. 4, February 2004, pp. 2114-2120.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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